

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1.-7. (Canceled)

8. (New) A birth simulator, comprising:

a base;

a womb torso joined to the base, said womb torso having an flexible abdominal wall;

a child model placed inside the womb torso;

a sensor arrangement connecting the child model to the base to measure at least one of a force and a torque applied by an examining individual either directly to the child model manually or by using medical instruments, or indirectly via the flexible abdominal wall;

a programmable evaluation device receiving a measurement signal from the sensor arrangement and transforming the measurement signal into an image signal; and

a display which renders the image signal as a simulation of a natural movement which a natural child would exhibit in the womb of a mother in response to the exerted force or torque during a medical examination or during natural child birth.

9. (New) The birth simulator of claim 8, wherein the image signal is rendered in real time, in a slow motion or in a time compression mode.

10. (New) The birth simulator of claim 8, wherein the child model and the womb torso are constructed so as to match a shape and size of a natural body.

11. (New) The birth simulator of claim 8, further comprising a haptic feedback to the examining individual.

12. (New) The birth simulator of claim 8, wherein the child model is detachably connected to the sensor arrangement.
13. (New) The birth simulator of claim 8, wherein the womb torso includes a swingable flap for opening and closing.
14. (New) The birth simulator of claim 12, wherein the child model is adapted for connection to the sensor arrangement in different positions.
15. (New) The birth simulator of claim 8, further comprising a sound generator connected to the evaluation device for generating sounds based on the measurement signal, wherein the generated sounds resemble sounds produced by the mother or child or by medical instruments during natural child birth.
16. (New) The birth simulator of claim 15, wherein the sound generator is arranged inside the womb torso or the child model, or both.
17. (New) The birth simulator of claim 8, wherein the evaluation device produces output signals for rendering on the display operating instructions, simulated physiologic values, device outputs and alarms.
18. (New) The birth simulator of claim 8, wherein the sensor arrangement includes a force and/or pressure sensor made of deformable segments and arranged in the neck region or skullcap region of the child model.
19. (New) A child model for use with the birth simulator of claim 1, wherein the sensor arrangement comprises a force and/or pressure sensor made of deformable segments and arranged in the neck region or skullcap region of the child model.